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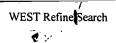
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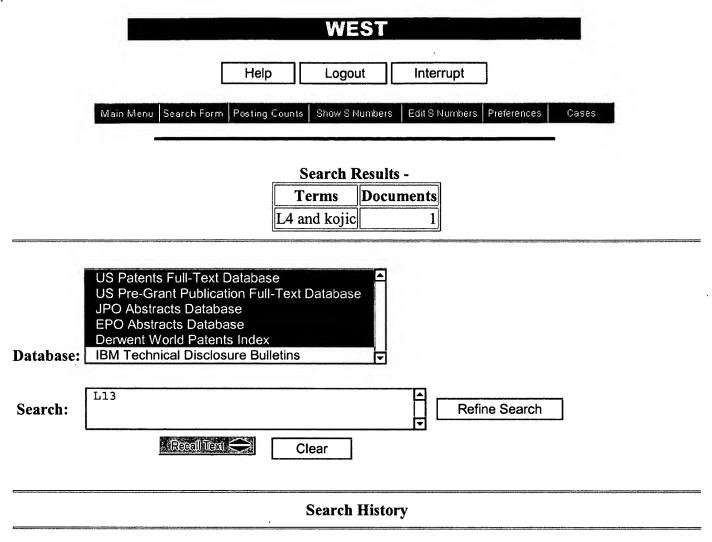
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DATE: Friday, September 05, 2003 Printable Copy Create Case

1 of 2

Set Name side by side	Query	Hit Count	Set Name result set
DB = USI	PT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=AND	•	
<u>L13</u>	L4 and kojic	1	<u>L13</u>
<u>L12</u>	Ll4 and kojic	. 0	<u>L12</u>
<u>L11</u>	L10 and skin	9	<u>L11</u>
<u>L10</u>	nobiletin	49	<u>L10</u>
<u>L9</u>	nobelitin	0	<u>L9</u>
<u>L8</u>	L6 and citrus	0	<u>L8</u>
<u>L7</u>	L6 and 11	0	<u>L7</u>
<u>L6</u>	5980904	9	<u>L6</u>
DB=JPA	AB,EPAB,DWPI; PLUR=YES; OP=AND		
<u>L5</u>	L3 and (vitamin adj C or ascorb\$)	2	<u>L5</u>
<u>L4</u>	L3 and (cosmetic or skin or whiten\$ or lighten\$)	36	<u>L4</u>
<u>L3</u>	L1	128	<u>L3</u>
DB = USI	PT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=AND		
<u>L2</u>	L1 and ((424/\$)!.CCLS.)	52	<u>L2</u>
<u>L1</u>	citrus and (tachibana or unshiu)	282	<u>L1</u>

END OF SEARCH HISTORY

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(FILE 'HOME' ENTERED AT 12:22:43 ON 05 SEP 2003)
    FILE 'REGISTRY' ENTERED AT 12:23:13 ON 05 SEP 2003
L1
          1916 S CITRUS
L2
             0 S L1 AND TACHIBANA
    FILE 'CAPLUS, MEDLINE, KOSMET, FSTA' ENTERED AT 12:28:02 ON 05 SEP 2003
L3
          989 S CITRUS AND (TACHIBANA OR UNSHIU)
L4
             4 S L3 AND COSMETIC?
L5
             4 DUPLICATE REMOVE L4 (0 DUPLICATES REMOVED)
L6
         29216 S CITRUS
L7
           572 S L6 AND COSMETIC?
L8
            16 S L7 AND WHITE?
L9
            15 DUPLICATE REMOVE L8 CAPLUS (1 DUPLICATE REMOVED)
L10
            51 S L7 AND PEEL
L11
           48 S L10 NOT L8
L12
            3 S L10 AND L8
L13
            46 DUPLICATE REMOVE L11 CAPLUS (2 DUPLICATES REMOVED)
L14
          144 S L7 AND SKIN
L15
            0 S L14 AND CITRUS/TI.
L16
            19 S L14 AND CITRUS/TI
L17
           13 S L3 AND NOBILETIN
L18
           11 DUPLICATE REMOVE L17 CAPLUS (2 DUPLICATES REMOVED)
L19
          328 S NOBILETIN
L20
             4 S L19 AND COSMETIC?
=> s 119 and (whiten? or lighten?)
            1 L19 AND (WHITEN? OR LIGHTEN?)
=> log y
COST IN U.S. DOLLARS
                                               SINCE FILE
                                                              TOTAL
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WEST

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L4: Entry 33 of 36

File: DWPI

Jan 27, 1995

DERWENT-ACC-NO: 1995-101793

DERWENT-WEEK: 199514

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TITLE: External use agent for removing freckles and spots from skin - comprises kojic acid (deriv.) and one or more plant extracts, e.g. from Iceland moss, orris root, oak bark, gardenia, mallow, avens, citrus unshiu peel, grape, cornflower, etc.

PATENT-ASSIGNEE:

ASSIGNEE SANSEI SEIYAKU KK CODE

SIYA

PRIORITY-DATA: 1993JP-0174574 (July 14, 1993)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

JP 07025762 A

January 27, 1995

015

A61K031/35

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

JP 07025762A

July 14, 1993

1993JP-0174574

INT-CL (IPC): A61 K $\frac{7}{42}$; A61 K $\frac{31}{35}$; A61 K $\frac{35}{78}$

ABSTRACTED-PUB-NO: JP 07025762A

BASIC-ABSTRACT:

The agent comprises kojic acid and/or its deriv., and one or at least two of Iceland Moss extract from Cetraria Islandica, Orris Root extract from Iris florentina, Oak Bark extract from Cortey quercus, Fumitory extract from Fumaria officinalis, Gardenia extract from Gardenia hasminoides Ellis, Nuphar extract from Nuphar japonicum DC, Euphrasia extract from Euphrasia officinalis, Linden extract from Tillia sylvestria, Tillia cordata Mill, and Tillia europaea, Horsetail extract from Equisetum arvense L., extract from Viscum album L., Mallow extract from Malva sylvestris, Avens extract from Geum japonicum Thub., Citrus Unshiu Peel extract from Citrus unshiu Markovich, Citrus aurantium L. subsp. nobilis Makino, Daisy extract from Bellis perennis, Elm Bark extract from Ulmus campestris, Grape extract from Vitis vinifera L., Mukurossi Peel extract from Spindus mukurossi Gaertner, Sweet Clover extract from Melilotus officinalis, Cornflower extract from Centaurea cyanu L., Saxifrage extract from Saxifrage stolonifera Meerburg.

8.00 wt.% of polyoxyethylene hardened castor oil, 15.00 wt.% of ethanol, 7.00 wt.% of kojic acid glucoside, 2.00 wt.% of Gardenia extract (water:ethanol=1:1), 0.50 wt.% of Nuphar extract ()1,3-butylene glycol), 0.10 wt.% of paraoxybenzoic acid ester, 0.10 wt.% of citric acid, 0.30 wt.% of sodium citrate, 4.00 wt.% of 1,3-butylene-glycol, 0.01 wt.% of disodium edetate, and adequate amt. of purified distilled water were homogeneously mixed and dissolved. Appropriate amt. of the prepd. lotion was applied to the face.

USE - The agent is used for removing freckles and spots on the human skin.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: EXTERNAL AGENT REMOVE FRECKLES SPOT <u>SKIN</u> COMPRISE KOJIC ACID DERIVATIVE ONE MORE PLANT EXTRACT ICELAND MOSS ROOT OAK BARK GARDENIA MALLOW <u>CITRUS</u> PEEL GRAPE CORNFLOWER

DERWENT-CLASS: B04 D21

CPI-CODES: B04-A10; B14-N17; B14-R01; D08-B09A;

CHEMICAL-CODES:

Chemical Indexing M1 *02*
Fragmentation Code
M423 M431 M782 M903 P943 Q254 V400 V406

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1291U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1995-046557

west

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L4: Entry 32 of 36

File: DWPI

Dec 24, 1996

DERWENT-ACC-NO: 1997-103656

DERWENT-WEEK: 199710

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TITLE: Melanin formation inhibitor for treating spots and freckles - contains extract

or Citrus unsihu Marcov.

PATENT-ASSIGNEE:

ASSIGNEE CODE ADVANCED SKIN RES KENKYUSHO KK ADSKN

PRIORITY-DATA: 1995JP-0148538 (June 15, 1995)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE **PAGES** MAIN-TPC JP 08337534 A December 24, 1996 006 A61K035/78

APPLICATION-DATA:

PUB-NO APPL-DATE APPL-NO DESCRIPTOR

JP 08337534A June 15, 1995 1995JP-0148538

INT-CL (IPC): $\underline{A61}$ \underline{K} $\underline{7/00}$; $\underline{A61}$ \underline{K} $\underline{7/48}$; $\underline{A61}$ \underline{K} $\underline{35/78}$

ABSTRACTED-PUB-NO: JP 08337534A

BASIC-ABSTRACT:

Melanin formation inhibitor, partic. external prepns., contains an extract of Citrus unsihu Marcov.

USE - Used in external prepns. including cosmetics (e.g. ointments, creams, emulsions, packs and beauty wash) in an amt. of 0.0001-1 (pref. 0.005-0.1) wt.%. The inhibitor is a safe agent used for prevention and treatment of spots and freckles. Dried and pulverised Citrus unshiu Marcov. is pref. extracted with water and/or an organic solvent (e.g. MeOH, EtOH, acetone, EtOAc and hexane). The extract is condensed or pulverised and added to bases of external prepns.

In an example melanoma cells HM3KO were inoculated in a nutrient medium at a rate of 100,000 cells/Petri dish. An extract of Citrus unshiu Marcov. was added at a rate of 0.0001, 0.0005 or 0.001% and cultured for 6 days. Slight, sufficient and marked discolouration was observed, respectively. A control gp. with added hydroquinone monobenzyl ether showed corresp. rate of none, slight and sufficient discolouration, respectively.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: MELANIN FORMATION INHIBIT TREAT SPOT FRECKLES CONTAIN EXTRACT CITRUS

DERWENT-CLASS: B04 D21

CPI-CODES: B04-A10; B14-H01; D08-B09A;

CHEMICAL-CODES:

Chemical Indexing M1 *01* Fragmentation Code M423 M781 M903 P943 Q254 V400 V406

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1997-033252